

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-030290

(43)Date of publication of application : 06.02.2001

(51) Int. Cl.

B29C 45/14

(21)Application number : 11-210315 (71)Applicant : NISSHA PRINTING CO LTD

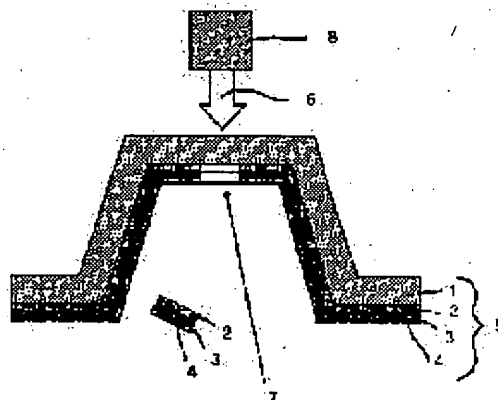
(22)Date of filing : 26.07.1999 (72)Inventor : SHIGETA HIROYASU

## (54) MOLDING DECORATED WITH LASER MARKING AND MANUFACTURE THEREOF

## (57)Abstract:

PROBLEM TO BE SOLVED: To make it possible to cope with the multikind and small quantity production of a light shining part having a sharp edge light transmitting pattern without requiring a painting process and an over-coating process.

SOLUTION: A decorating sheet produced by laminating at least a colored layer 2 and a light screening layer 3 in the order named on a light transmitting base sheet 1, through which laser beams can be transmitted is irradiated with laser beams 6 from a light transmitting base sheet 1 side so as to remove the colored layer 2 and the light screening layer 3 of the light irradiated portion in order to expose the light transmitting base layer 2, resulting in obtaining a sheet 5 decorated with a laser marking, in which a light transmitting patter 7 such as characters or the like. Then, the resultant sheet 5 is arranged in a mold. After the mold is closed, a light transmitting molding resin is injected. After the mold is opened, a molding decorated with a laser marking, in which the sheet 5 decorated with the laser marking and the light transmitting molding resin are made into an integral body, is obtained.



BEST AVAILABLE COPY

## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's  
decision of rejection]

[Date of requesting appeal against  
examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998, 2003 Japan Patent Office